

INCH-POUND

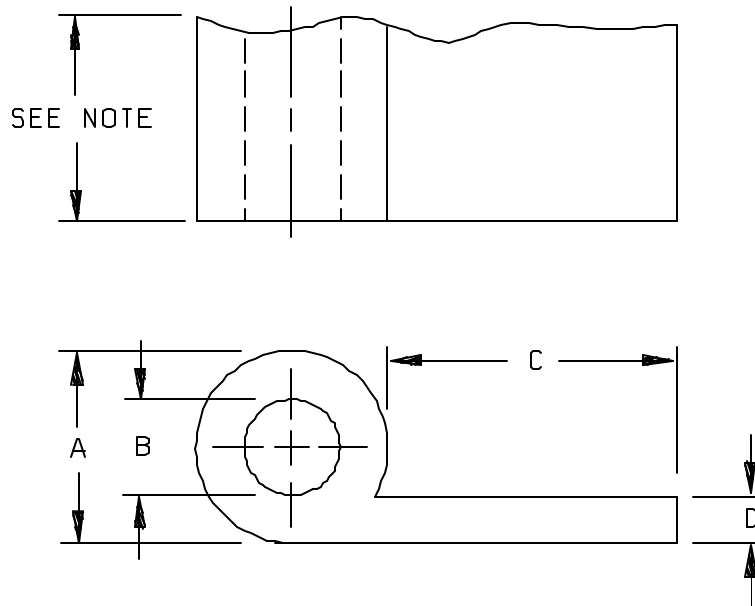
MIL-DTL-83528/8D
15 November 2001
SUPERSEDING
MIL-G-83528/8C
10 July 1992

DETAIL SPECIFICATION SHEET

GASKETING MATERIAL, CONDUCTIVE, SHIELDING GASKET, ELECTRONIC, ELASTOMER, EMI/RFI, HOLLOW P-STRIP

This specification is approved for use by all Departments
and Agencies of the Department of Defense.

The requirements for acquiring the relay described herein shall
consist of this specification and the latest issue of MIL-DTL-83528.



NOTE: Length shall be as specified on the purchase order.

FIGURE 1. EMI/RFI gasket, elastomer, and hollow P-strip.

REQUIREMENTS:

Design and interface: See figure 1 and table I.

Material: Type A, B, C, D, E, F, H, J, K, L, or M.

Part or Identifying Number (PIN): See table I.

Supersession information: See table II.

TABLE I. Dimensions.

PIN <u>1/</u> M83528/008X	Nominal dimensions <u>2/ 3/</u>				Cross section area (cm ²) <u>4/</u>
	A	B	C	D	
001	.200 (5.08)	.080 (2.03)	.065 (1.65)	.062 (1.57)	.430
002	.250 (6.35)	.125 (3.18)	.250 (6.35)	.062 (1.57)	.359
003	.250 (6.35)	.125 (3.18)	.375 (9.53)	.062 (1.57)	.409
004	.250 (6.35)	.150 (3.96)	.375 (9.53)	.062 (1.57)	.374
005	.312 (7.92)	.187 (4.75)	.563 (14.30)	.062 (1.57)	.585
006	.360 (9.14)	.255 (6.48)	.420 (10.67)	.070 (1.79)	.562
007	.200 (5.08)	.080 (2.03)	.275 (6.99)	.062 (1.57)	.294
008	.250 (6.35)	.125 (3.18)	.625 (15.88)	.062 (1.57)	.509

1/ "X" in the PIN shall be replaced by the applicable material type. Complete PIN example: M38528/008A001.

2/ Dimensions are in inches; metric equivalents are given in parenthesis and are for general information only.

3/ Tolerance shall be as follows:

<u>Dimensions</u>	<u>Tolerance</u>
Under .101 (2.57)	± .005 (0.13)
.101 to .200 (2.57 to 5.08)	± .008 (0.20)
.201 to .300 (5.10 to 7.62)	± .010 (0.25)
.301 to .500 (7.62 to 12.70)	± .015 (0.38)
Over .500 (12.70)	± .020 (0.51)

4/For calculation of volume resistivity (for reference only).

TABLE II. Supersession information.

PIN <u>1/</u> M83528/008X	Superseded DESC Drawing PIN 85107X <u>1/</u>
001	001
002	002
003	003
004	004
005	005
006	006
007	N/A
008	N/A

1/ "X" in the PIN indicates the applicable material type.

MIL-DTL-83528/8D

Custodian:

Army - CR
Navy - EC
Air Force - 11
DLA - CC

Preparing activity:
DLA - CC

(Project 5999-0375-08)

Review activities:

Air Force – 19, 99
NSA – NS